(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 15 January 2004 (15.01.2004)

PCT

(10) International Publication Number WO 2004/005616 A2

(51) International Patent Classification7:

D21H

SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG,

(21) International Application Number:

PCT/EP2003/006823

(22) International Filing Date: 27 June 2003 (27.06.2003)

(25) Filing Language:

(26) Publication Language:

VA2002 A 000041

English

(30) Priority Data:

3 July 2002 (03.07.2002)

(71) Applicant (for all designated States except US): LAM-BERTI S.P.A. [IT/IT]; Via Piave, 18, I-21041 Albizzate (IT).

(72) Inventors; and

- (75) Inventors/Applicants (for US only): FUMAGALLI, Stefano [IT/IT]; Via Matteotti, 40, I-21040 Carnago (IT). PELLIZZON, Tullio [IT/IT]; Via S. Michele Del Carso, 22, I-20037 Paderno Dugnano (IT). LI BASSI, Giuseppe [IT/IT]; Via Stretti, 4, I-21026 Garivate (IT).
- (74) Common Representative: GIARONI, Paola; LAM-BERTI S.P.A., Via Piave, 18, I-21041 Albizzate (IT).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD,

US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)
- of inventorship (Rule 4.17(iv)) for US only

Published:

without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PAPER COATING FORMULATIONS FOR ROTOGRAVURE APPLICATIONS

(57) Abstract: Disclosed are paper coating formulations for rotogravure printing processes containing: a. 100 parts by weight of finely divided pigments; b. from 0.001 to 5 parts by weight of one or more substances selected from the group consisting of: mono-alkylsulfosuccinate; dialkylsulfosuccinates; sulfosuccinic acid mono-esters of ethoxylated and/or propoxylated fatty alcohols; sulfosuccinic acid di-esters of ethoxylated and/or propoxylated fatty alcohols; c. from 3 to 15 parts by weight of a polymeric acrylic binder; d. from 0.005 to 0.4 parts by weight of a dispersant.



